

**San Mateo Expanded Site Investigation  
Near Grants, Cibola and McKinley Counties, New Mexico  
Daily Report**



Date: 11/02/2014

Time: 2100

Team:

Derrick Cobb

Health and Safety:

1. On 2 November 2014, The Weston team conducted a tailgate safety meeting with Yellow Jacket Drilling (YJD) services team. Topics discussed included inclement weather, radiation awareness, slips, trips, falls, and dehydration. All safety related topics were documented in the site logbook and applicable instrument field data sheets.
2. No near misses or injuries occurred.

Weston Team Operations Completed:

1. Weston and YJD personnel began and completed the installation of BG-04. The well was set at a total depth (TD) of approximately 51 ft below ground surface (bgs). Weathered reddish brown sandstone was observed at 51 ft bgs. Approximately 12 feet of water was encountered in the borehole. A soil sample for SPLP analysis was collected at 50 ft bgs.
2. YJD decontaminated equipment and mobilized the rig to BG-03 location and drilled to 40 ft bgs before drilling operations were suspended for the day.

Planned activities for 3-7 November 2014:

1. Weston and YJD to complete drilling and monitor well installation at BG-03 (November 3<sup>rd</sup>).
2. Following completion of BG-03, Weston and YJD to move to C-3 location. The Weston team contacted the respective property owners and updated them on planned activities.
3. The next planned drilling location following C-3 is N-1 before YJD demobilizes from the site on Thursday, November 6<sup>th</sup>. YJD will be off-site from November 6<sup>th</sup> to November 10<sup>th</sup>. YJD will resume drilling activities November 11<sup>th</sup>.
4. Bird Seismic crew will arrive in Grants on Monday afternoon, November 3<sup>rd</sup>.
5. Radiation awareness training is scheduled for Tuesday, November 4<sup>th</sup> beginning at noon. The radiation awareness training will be conducted by Mr. Bob Schoenfelder, CIH.
6. Rio Algom Mining site-specific orientation to be conducted by Mr. Doug Murray on Tuesday, November 4<sup>th</sup> at 1:30 pm. Bird Seismic and YJD crews to attend.
7. Bird Seismic crew to set up on BG-02 location and begin seismic line following Rio Algom safety training on Tuesday.
8. The anticipated seismic scheduled is: BG-02, N3, BG-06 and BG-01. Bird seismic indicates that it will take approximately two day to complete each line.

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Anticipated problems:

1. When the Weston team conducted the survey for BG-01, team noticed the south side of Arroyo del Puerto was inaccessible from the north. Weston team has identified an alternate route to BG-01a and BG-01c via BLM property. A recon of this route is planning for Friday, November 7<sup>th</sup>.

Open Items:

1. (b) (6) inquired about the Weston team sampling his deep well. Weston will schedule the well sampling (ID: PV-03).
2. Weston to coordinate with Homestake regarding the sampling of 3 San Andres wells (907, 928, 943).
3. YJD to complete pads at locations BG-07, BG-05, BG-04 and BG-03.
4. Weston team to develop and sample wells BG-07, BG-05, BG-04 and BG-03.
5. Weston to coordinate and complete existing well sampling MW-35-7 and MW-35-8 (Rio Algom requests seven day notice and split samples).